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have interpreted them as giving actual and exclusive ownership of all land which is not privately owned which is really State land. As a result of this condition, nearly all the land from Manamah to beyond Zellaq, along the coast, is claimed by various members of the Ruling Family.

Date Cultivation. Dates are the most important crop in Bahrain; though not as good as the Hassa dates, they are said to be more lasting. Most gardens contain a large proportion of inferior species which are used only for feeding animals. Few gardens are well kept. More than half of the gardens belong to the Khalifah, who for years have spent no money on improving them, but in spite of this they complain incessantly that the rents have fallen off, which is owing to the decrease in the market price of dates by over 60%, and the deterioration of the gardens from lack of care and expenditure on improvements. Dates form part of the staple diet in Bahrain and are much used for provisioning the pearl fleet, but the home-grown crop is not enough to meet the local demand, and every year about six lacs' worth of dates are imported from Hassa and Iraq. There is no land tax and no tax on date trees in Bahrain, so it is impossible to give an estimate of the number of date palms, but the whole area under cultivation is very small, perhaps one-fiftieth of the total area of the islands. Recently the number of date gardens has been slightly increased, as a few people, notably the Ruler himself, have sunk artesian wells and planted land with trees. The date crop could undoubtedly be improved if more care was taken over the cultivation. In Bahrain, date cultivation is a casual affair, trees are never manured, and there is no regular system of planting. In one of the Ruler's gardens the experiment was made some years ago of manuring the roots of the trees, and the result of this was that the trees produced better crops than those which had not been manured. The use of any form of fertiliser, either decayed leaves and camel thorn or animal manure, was unknown a few years ago, but it is now being used in gardens, but not for date trees.

Lucerne. Lucerne is used extensively as fodder for cows and donkeys. It grows rapidly and is easily cultivated on poor soil. Both Hassa and Bahrain seeds are used, the latter being more expensive, and when once established it will grow for as long as ten years and will give a crop every month. It is very hardy in growth, but is liable to attacks by a kind of small caterpillar which appears once or twice every year and destroys all the lucerne in whole districts of the country. Experiments have been made by the camel section of the police in drying lucerne and using it as dry fodder when out on patrol; this has been found very successful.

Cereals. At one time it was the custom of the people of Rafaa to sow barley before the rainy season on the plain below the town, and for many years successful crops were harvested, but the crop occasionally failed owing to lack of rain. For some years now this practice has ceased, partly because the people of Rafaa are more prosperous than before, as almost all the able-bodied men of the town have obtained employment with the Bahrain Petroleum Company.

An experiment was made in growing California barley by the Government some years ago on irrigated land, and this was found to be a success.

Last year, millet was raised in the Fort garden. It sprang from the camel manure which was used in the soil. It grew sufficiently well to show that there were possibilities of its being grown on a large scale. Maize or Indian corn has also been grown in small quantities.

Three years ago a crop of rice was grown by Khan Bahadur Abdul Aziz Gonaibi, who is a large landowner and interested in agriculture. The rice was grown in rich, well-watered land near Sehlah; the seed was from Hassa, where it is cultivated extensively, and the crop yielded a small profit.

A little maize or Indian corn is grown in some gardens, and finds a ready sale in the bazaar; the quality is poor, probably because no care is taken to procure good seed.

Cotton. In the time of the Caliphs, cotton from Bahrain used to be sent to Baghdad, but it is not certain that this cotton was grown in the islands, as at that time much of the mainland was also known as Bahrain. In 1930 an experiment was made in growing

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cotton under the supervision of the agricultural expert. It was sown in three or four different gardens and on a three-acre patch of new land close to the town, which was lent for the purpose by Khan Bahadur Abdul Aziz Gozaibi. In two of the gardens, though 95% of the seeds germinated, all the plants died before reaching full growth. In the three-acre plot, which was sown in April, the experiment was successful. The seed germinated well and produced a crop of good quantity and quality, which was well reported on by the Cotton-Growing Association in Baghdad. Unfortunately, the price of cotton at that time was so low as to discourage any private individuals from spending money on cultivating it again. The success of the crop proved, however, that it is possible to grow cotton in Bahrain.

Tobacco. During the last two years tobacco has been grown as a commercial proposition by Shaikh Abdullah bin Isa AlKhalifah and by Mr. Hussein Yateem. Locally grown tobacco was sold in the bazaar, and it is understood that a slight profit was made.

Fruit Trees. A variety of fruit trees grow in Bahrain, but most of the fruit is of poor quality, as the trees are neglected and never pruned. The only fruit which is grown in any quantity is the citrus and the loz; the other fruit trees are negligible in number and are only found in a few gardens.

Fruit trees grown in Bahrain:

Citrus	Peach	Pomegranate
Lime	Fig	Guava
Orange	Grape	Custard apple
Mango	Apricot	Loz
Pawpaw	Loquat	Mulberry

The Government planted about 250 orange trees some years ago; the trees bore fruit of very large size and good quality, but in five years a great number of the trees died. Those that remain produce good crops of oranges every year. Each year during the rainy season a number of trees died, apparently, because the salty earth was splashed up over the lower branches by the rain. In Bahrain, trees frequently die in this way after heavy rain.

Vegetables. Ten years ago, no European vegetables were grown in Bahrain; to-day, a number of the Arabs are growing vegetables in their garden and selling them, very profitably, in the bazaar. Owing to the increase in the European and Indian population, there is a great demand for fresh vegetables. The following species can be grown easily and successfully in Bahrain:

Cabbage	Radishes	Onions
Cauliflower	Spinach	Swedes
Carrots	Lettuces	Celery
Turnips	Beetroot	Potatoes
Artichokes	Sugar beet	Tomatoes

There is a steadily increasing demand in Bahrain for agricultural produce, there is land which could be irrigated and which would produce crops, and the results of the few experiments which have been made show that it is possible to grow a number of trees, crops, and vegetables which have never been cultivated on a large scale. All wood for fuel and for building is imported into Bahrain, with the exception of palm trunks, which are of small use. It has now been proved that a number of fast-growing trees will flourish in Bahrain, and their timber provides good fuel.

During the present year several thousand men, who are now working as coolies on the Refinery construction of the Bahrain Petroleum Company, will be discharged and will find themselves unemployed. Owing to the state of the pearling industry, they will not be taken on as divers, and their employment will present a problem to the Government. They now think that they will obtain employment with the Hassa oil company, but this is unlikely. Both land and labour are available, and the Government can now afford to continue the work, which had to be dropped some years ago owing to lack of funds, of increasing and exploiting the agricultural possibilities of Bahrain.